

MANAGING INPUT/OUTPUT (I/O) REQUESTS IN A CACHE MEMORY SYSTEM

ABSTRACT

Provided are a method, system, and program for managing Input/Output (I/O)
5 requests in a cache memory system. A request is received to data at a memory address in
a first memory device, wherein data in the first memory device is cached in a second
memory device. A determination is made as to whether to fetch the requested data from
the first memory device to cache in the second memory device in response to determining
that the requested data is not in the second memory device. The requested data in the
10 first memory device is accessed and the second memory device is bypassed to execute the
request in response to determining not to fetch the requested data from the first memory
device to cache in the second memory device.